

# A LEVEL FURTHER MATHS



## Achieving Excellence Together

Edexcel A Level Further Maths

Entry Requirements: Grade 8 in Maths at GCSE Level.

### Course Description

A-level Further Mathematics is designed to broaden and deepen the mathematical knowledge and skills developed when studying A-level Mathematics. It will be studied alongside A-level Mathematics and provides a stimulating experience for those who enjoy the subject.

A Level Further Maths provides a much deeper understanding of mathematical concepts. Students will use their mathematical skills and techniques to solve challenging problems which require them to decide on the solution, strategy, recognise when mathematics can be used to analyse and solve a problem in context, represent situations mathematically and understand the relationship between problems in context and mathematical models that may be applied to solve them.

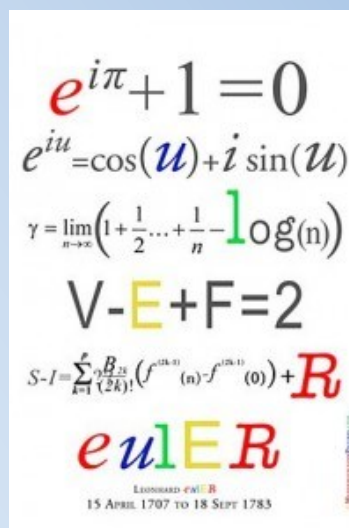
A-level Further Maths content is heavily focused on additional Pure Mathematics but also contains a proportion of optional content from Mechanics, Statistics and Decision Mathematics.

### Method(s) of Assessment

There will be four papers written at the end of two years of study. Core Pure 1 and Core Pure 2 are compulsory and the other two will be selected from an optional of modules which include Mechanics, Statistics, Decisions Maths and Further Pure Maths

### Progression

Further Maths at A Level will help make students better prepared to enter Degree courses in science, technology, engineering and mathematics. Demand for jobs with Science, Engineering and Technology skills is set to grow and all these jobs require maths skills. Highly numerate disciplines are in great demand from employers and young people with maths qualifications will find that their degrees can open doors to exciting and rewarding careers.



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